

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
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Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-125187-1
Client Project/Site: Gold King Mine - Region 8 (LTM)

For:
Weston Solutions, Inc.
1435 Garrison Street
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Lakewood, Colorado 80215

Attn: Moira Pryhoda



Authorized for release by:
5/16/2016 3:22:50 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Method Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-125187-1	GKM_GSTO_F_042816_1130	Water	04/28/16 11:30	05/12/16 09:44
680-125187-2	GKM_GSTO_C042816_1145	Water	04/28/16 11:45	05/12/16 09:44
680-125187-3	GKM_GSTI_042816_1215	Water	04/28/16 12:15	05/12/16 09:44

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Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Job ID: 680-125187-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8 (LTM)

Report Number: 680-125187-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 05/12/2016; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.7 C.

DISSOLVED METALS (ICP)

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 05/13/2016 and analyzed on 05/16/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 05/13/2016 and analyzed on 05/16/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 05/13/2016 and analyzed on 05/15/2016 and 05/16/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 05/13/2016 and analyzed on 05/15/2016 and 05/16/2016.

Barium and Barium, Dissolved were detected in method blank MB 680-433183/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Refer to the QC report for details.

Samples GKM_GSTO_F_042816_1130 (680-125187-1)[10X], GKM_GSTO_C042816_1145 (680-125187-2)[10X] and

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Job ID: 680-125187-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

GKM_GSTI_042816_1215 (680-125187-3)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared on 05/13/2016 and analyzed on 05/15/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples GKM_GSTO_F_042816_1130 (680-125187-1), GKM_GSTO_C042816_1145 (680-125187-2) and GKM_GSTI_042816_1215 (680-125187-3) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 05/13/2016 and analyzed on 05/15/2016.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.



Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTO_F_042816_1130

Lab Sample ID: 680-125187-1

Date Collected: 04/28/16 11:30

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	180	J	200	24	ug/L		05/13/16 10:23	05/16/16 12:13	1
Calcium	400000		500	25	ug/L		05/13/16 10:23	05/16/16 12:13	1
Iron	470		50	17	ug/L		05/13/16 10:23	05/16/16 12:13	1
Magnesium	15000		500	33	ug/L		05/13/16 10:23	05/16/16 12:13	1
Potassium	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:13	1
Sodium	4400		1000	480	ug/L		05/13/16 10:23	05/16/16 12:13	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	71	J	200	24	ug/L		05/13/16 10:23	05/16/16 12:25	1
Calcium, Dissolved	390000		500	25	ug/L		05/13/16 10:23	05/16/16 12:25	1
Iron, Dissolved	19	J	50	17	ug/L		05/13/16 10:23	05/16/16 12:25	1
Magnesium, Dissolved	14000		500	33	ug/L		05/13/16 10:23	05/16/16 12:25	1
Potassium, Dissolved	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:25	1
Sodium, Dissolved	4400		1000	480	ug/L		05/13/16 10:23	05/16/16 12:25	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:33	1
Arsenic	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 16:33	1
Barium	9.3	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 16:33	1
Beryllium	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 16:33	1
Cadmium	5.9		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 16:33	1
Chromium	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 16:33	1
Cobalt	16		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 16:33	1
Copper	30		5.0	0.50	ug/L		05/13/16 10:23	05/15/16 16:33	1
Lead	0.20	J	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 16:33	1
Manganese	14000		25	12	ug/L		05/13/16 10:23	05/16/16 09:01	10
Molybdenum	1.6		1.0	0.45	ug/L		05/13/16 10:23	05/15/16 16:33	1
Nickel	10		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:33	1
Selenium	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 16:33	1
Silver	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 16:33	1
Thallium	0.16	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 16:33	1
Vanadium	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 16:33	1
Zinc	420		20	2.8	ug/L		05/13/16 10:23	05/15/16 16:33	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.45	J	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:49	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 16:49	1
Barium, Dissolved	8.4	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 16:49	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 16:49	1
Cadmium, Dissolved	5.3		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 16:49	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 16:49	1
Cobalt, Dissolved	15		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 16:49	1
Copper, Dissolved	2.0	J	5.0	0.50	ug/L		05/13/16 10:23	05/15/16 16:49	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 16:49	1
Manganese, Dissolved	14000		25	12	ug/L		05/13/16 10:23	05/16/16 09:17	10
Molybdenum, Dissolved	1.5		1.0	0.45	ug/L		05/13/16 10:23	05/15/16 16:49	1
Nickel, Dissolved	9.7		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:49	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTO_F_042816_1130

Lab Sample ID: 680-125187-1

Date Collected: 04/28/16 11:30

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 16:49	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 16:49	1
Thallium, Dissolved	0.12	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 16:49	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 16:49	1
Zinc, Dissolved	300		20	2.8	ug/L		05/13/16 10:23	05/15/16 16:49	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 15:40	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 16:05	1

Client Sample ID: GKM_GSTO_C042816_1145

Lab Sample ID: 680-125187-2

Date Collected: 04/28/16 11:45

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	250		200	24	ug/L		05/13/16 10:23	05/16/16 12:17	1
Calcium	390000		500	25	ug/L		05/13/16 10:23	05/16/16 12:17	1
Iron	790		50	17	ug/L		05/13/16 10:23	05/16/16 12:17	1
Magnesium	14000		500	33	ug/L		05/13/16 10:23	05/16/16 12:17	1
Potassium	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:17	1
Sodium	4400		1000	480	ug/L		05/13/16 10:23	05/16/16 12:17	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	56	J	200	24	ug/L		05/13/16 10:23	05/16/16 12:29	1
Calcium, Dissolved	390000		500	25	ug/L		05/13/16 10:23	05/16/16 12:29	1
Iron, Dissolved	17	U	50	17	ug/L		05/13/16 10:23	05/16/16 12:29	1
Magnesium, Dissolved	14000		500	33	ug/L		05/13/16 10:23	05/16/16 12:29	1
Potassium, Dissolved	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:29	1
Sodium, Dissolved	4300		1000	480	ug/L		05/13/16 10:23	05/16/16 12:29	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:38	1
Arsenic	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 16:38	1
Barium	9.6	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 16:38	1
Beryllium	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 16:38	1
Cadmium	6.2		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 16:38	1
Chromium	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 16:38	1
Cobalt	15		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 16:38	1
Copper	49		5.0	0.50	ug/L		05/13/16 10:23	05/15/16 16:38	1
Lead	0.26	J	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 16:38	1
Manganese	14000		25	12	ug/L		05/13/16 10:23	05/16/16 09:07	10
Molybdenum	1.4		1.0	0.45	ug/L		05/13/16 10:23	05/15/16 16:38	1
Nickel	9.7		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:38	1
Selenium	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 16:38	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTO_C042816_1145

Lab Sample ID: 680-125187-2

Date Collected: 04/28/16 11:45

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 16:38	1
Thallium	0.13	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 16:38	1
Vanadium	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 16:38	1
Zinc	540		20	2.8	ug/L		05/13/16 10:23	05/15/16 16:38	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.45	J	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:54	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 16:54	1
Barium, Dissolved	8.8	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 16:54	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 16:54	1
Cadmium, Dissolved	6.1		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 16:54	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 16:54	1
Cobalt, Dissolved	15		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 16:54	1
Copper, Dissolved	1.8	J	5.0	0.50	ug/L		05/13/16 10:23	05/15/16 16:54	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 16:54	1
Manganese, Dissolved	14000		25	12	ug/L		05/13/16 10:23	05/16/16 09:22	10
Molybdenum, Dissolved	1.5		1.0	0.45	ug/L		05/13/16 10:23	05/15/16 16:54	1
Nickel, Dissolved	10		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:54	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 16:54	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 16:54	1
Thallium, Dissolved	0.13	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 16:54	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 16:54	1
Zinc, Dissolved	360		20	2.8	ug/L		05/13/16 10:23	05/15/16 16:54	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 15:55	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 16:08	1

Client Sample ID: GKM_GSTI_042816_1215

Lab Sample ID: 680-125187-3

Date Collected: 04/28/16 12:15

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		200	24	ug/L		05/13/16 10:23	05/16/16 12:21	1
Calcium	350000		500	25	ug/L		05/13/16 10:23	05/16/16 12:21	1
Iron	49000		50	17	ug/L		05/13/16 10:23	05/16/16 12:21	1
Magnesium	15000		500	33	ug/L		05/13/16 10:23	05/16/16 12:21	1
Potassium	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:21	1
Sodium	2900		1000	480	ug/L		05/13/16 10:23	05/16/16 12:21	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	3800		200	24	ug/L		05/13/16 10:23	05/16/16 12:33	1
Calcium, Dissolved	350000		500	25	ug/L		05/13/16 10:23	05/16/16 12:33	1
Iron, Dissolved	32000		50	17	ug/L		05/13/16 10:23	05/16/16 12:33	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTI_042816_1215

Lab Sample ID: 680-125187-3

Date Collected: 04/28/16 12:15

Matrix: Water

Date Received: 05/12/16 09:44

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium, Dissolved	15000		500	33	ug/L		05/13/16 10:23	05/16/16 12:33	1
Potassium, Dissolved	1800		1000	17	ug/L		05/13/16 10:23	05/16/16 12:33	1
Sodium, Dissolved	2900		1000	480	ug/L		05/13/16 10:23	05/16/16 12:33	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.3		1.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:44	1
Arsenic	19		1.0	0.37	ug/L		05/13/16 10:23	05/15/16 16:44	1
Barium	9.2	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 16:44	1
Beryllium	5.8		0.40	0.15	ug/L		05/13/16 10:23	05/15/16 16:44	1
Cadmium	35		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 16:44	1
Chromium	2.6		2.0	1.0	ug/L		05/13/16 10:23	05/15/16 16:44	1
Cobalt	53		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 16:44	1
Copper	2800		50	5.0	ug/L		05/13/16 10:23	05/16/16 09:12	10
Lead	20		0.30	0.060	ug/L		05/13/16 10:23	05/15/16 16:44	1
Manganese	19000		25	12	ug/L		05/13/16 10:23	05/16/16 09:12	10
Molybdenum	2.6		1.0	0.45	ug/L		05/13/16 10:23	05/15/16 16:44	1
Nickel	30		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 16:44	1
Selenium	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 16:44	1
Silver	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 16:44	1
Thallium	0.17	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 16:44	1
Vanadium	13		10	3.0	ug/L		05/13/16 10:23	05/16/16 09:12	10
Zinc	11000		200	28	ug/L		05/13/16 10:23	05/16/16 09:12	10

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.51	J	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 17:00	1
Arsenic, Dissolved	0.87	J	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 17:00	1
Barium, Dissolved	11	B	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 17:00	1
Beryllium, Dissolved	2.6		0.40	0.15	ug/L		05/13/16 10:23	05/15/16 17:00	1
Cadmium, Dissolved	40		0.50	0.043	ug/L		05/13/16 10:23	05/15/16 17:00	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 17:00	1
Cobalt, Dissolved	51		0.40	0.12	ug/L		05/13/16 10:23	05/15/16 17:00	1
Copper, Dissolved	1900		50	5.0	ug/L		05/13/16 10:23	05/16/16 09:28	10
Lead, Dissolved	0.34		0.30	0.060	ug/L		05/13/16 10:23	05/15/16 17:00	1
Manganese, Dissolved	19000		25	12	ug/L		05/13/16 10:23	05/16/16 09:28	10
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		05/13/16 10:23	05/15/16 17:00	1
Nickel, Dissolved	30		5.0	0.40	ug/L		05/13/16 10:23	05/15/16 17:00	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 17:00	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 17:00	1
Thallium, Dissolved	0.15	J	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 17:00	1
Vanadium, Dissolved	3.0	U	10	3.0	ug/L		05/13/16 10:23	05/16/16 09:28	10
Zinc, Dissolved	11000		200	28	ug/L		05/13/16 10:23	05/16/16 09:28	10

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 15:58	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTI_042816_1215

Lab Sample ID: 680-125187-3

Date Collected: 04/28/16 12:15

Matrix: Water

Date Received: 05/12/16 09:44

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 16:11	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-433184/1-A
Matrix: Water
Analysis Batch: 433544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		05/13/16 10:23	05/16/16 11:32	1
Aluminum, Dissolved	24	U	200	24	ug/L		05/13/16 10:23	05/16/16 11:32	1
Calcium	25	U	500	25	ug/L		05/13/16 10:23	05/16/16 11:32	1
Calcium, Dissolved	25	U	500	25	ug/L		05/13/16 10:23	05/16/16 11:32	1
Iron	17	U	50	17	ug/L		05/13/16 10:23	05/16/16 11:32	1
Iron, Dissolved	17	U	50	17	ug/L		05/13/16 10:23	05/16/16 11:32	1
Magnesium	33	U	500	33	ug/L		05/13/16 10:23	05/16/16 11:32	1
Magnesium, Dissolved	33	U	500	33	ug/L		05/13/16 10:23	05/16/16 11:32	1
Potassium	17	U	1000	17	ug/L		05/13/16 10:23	05/16/16 11:32	1
Potassium, Dissolved	17	U	1000	17	ug/L		05/13/16 10:23	05/16/16 11:32	1
Sodium	480	U	1000	480	ug/L		05/13/16 10:23	05/16/16 11:32	1
Sodium, Dissolved	480	U	1000	480	ug/L		05/13/16 10:23	05/16/16 11:32	1

Lab Sample ID: LCS 680-433184/2-A
Matrix: Water
Analysis Batch: 433544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	1960		ug/L		98	85 - 115
Aluminum, Dissolved	2000	1960		ug/L		98	85 - 115
Calcium	2000	1940		ug/L		97	85 - 115
Calcium, Dissolved	2000	1940		ug/L		97	85 - 115
Iron	2000	1910		ug/L		96	85 - 115
Iron, Dissolved	2000	1910		ug/L		96	85 - 115
Magnesium	2000	1910		ug/L		95	85 - 115
Magnesium, Dissolved	2000	1910		ug/L		95	85 - 115
Potassium	2000	2170		ug/L		108	85 - 115
Potassium, Dissolved	2000	2170		ug/L		108	85 - 115
Sodium	2000	1980		ug/L		99	85 - 115
Sodium, Dissolved	2000	1980		ug/L		99	85 - 115

Lab Sample ID: 680-125188-K-1-E MS
Matrix: Water
Analysis Batch: 433544

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 433184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	24	U	2000	1940		ug/L		97	75 - 125
Aluminum, Dissolved	24	U	2000	1940		ug/L		97	75 - 125
Calcium	19000		2000	20900	4	ug/L		92	75 - 125
Calcium, Dissolved	19000		2000	20900	4	ug/L		92	75 - 125
Iron	17	U	2000	1920		ug/L		96	75 - 125
Iron, Dissolved	17	U	2000	1920		ug/L		96	75 - 125
Magnesium	2000		2000	3960		ug/L		96	75 - 125
Magnesium, Dissolved	2000		2000	3960		ug/L		96	75 - 125
Potassium	1900		2000	4070		ug/L		109	75 - 125
Potassium, Dissolved	1900		2000	4070		ug/L		109	75 - 125
Sodium	6500		2000	8200		ug/L		83	75 - 125
Sodium, Dissolved	6500		2000	8200		ug/L		83	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-125188-K-1-F MSD

Matrix: Water

Analysis Batch: 433544

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 433184

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Aluminum	24	U	2000	1920		ug/L		96	75 - 125	1		20
Aluminum, Dissolved	24	U	2000	1920		ug/L		96	75 - 125	1		20
Calcium	19000		2000	20800	4	ug/L		84	75 - 125	1		20
Calcium, Dissolved	19000		2000	20800	4	ug/L		84	75 - 125	1		20
Iron	17	U	2000	1900		ug/L		95	75 - 125	1		20
Iron, Dissolved	17	U	2000	1900		ug/L		95	75 - 125	1		20
Magnesium	2000		2000	3920		ug/L		94	75 - 125	1		20
Magnesium, Dissolved	2000		2000	3920		ug/L		94	75 - 125	1		20
Potassium	1900		2000	4030		ug/L		107	75 - 125	1		20
Potassium, Dissolved	1900		2000	4030		ug/L		107	75 - 125	1		20
Sodium	6500		2000	8190		ug/L		82	75 - 125	0		20
Sodium, Dissolved	6500		2000	8190		ug/L		82	75 - 125	0		20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-433183/1-A

Matrix: Water

Analysis Batch: 433435

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 433183

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	0.40	U	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 14:38	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		05/13/16 10:23	05/15/16 14:38	1
Arsenic	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 14:38	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		05/13/16 10:23	05/15/16 14:38	1
Barium	0.821	J	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 14:38	1
Barium, Dissolved	0.821	J	2.0	0.14	ug/L		05/13/16 10:23	05/15/16 14:38	1
Beryllium	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 14:38	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		05/13/16 10:23	05/15/16 14:38	1
Cadmium	0.043	U	0.50	0.043	ug/L		05/13/16 10:23	05/15/16 14:38	1
Cadmium, Dissolved	0.043	U	0.50	0.043	ug/L		05/13/16 10:23	05/15/16 14:38	1
Chromium	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 14:38	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		05/13/16 10:23	05/15/16 14:38	1
Cobalt	0.12	U	0.40	0.12	ug/L		05/13/16 10:23	05/15/16 14:38	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		05/13/16 10:23	05/15/16 14:38	1
Copper	0.50	U	5.0	0.50	ug/L		05/13/16 10:23	05/15/16 14:38	1
Copper, Dissolved	0.50	U	5.0	0.50	ug/L		05/13/16 10:23	05/15/16 14:38	1
Lead	0.060	U	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 14:38	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		05/13/16 10:23	05/15/16 14:38	1
Manganese	1.2	U	2.5	1.2	ug/L		05/13/16 10:23	05/15/16 14:38	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		05/13/16 10:23	05/15/16 14:38	1
Molybdenum	0.45	U	1.0	0.45	ug/L		05/13/16 10:23	05/15/16 14:38	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		05/13/16 10:23	05/15/16 14:38	1
Nickel	0.40	U	5.0	0.40	ug/L		05/13/16 10:23	05/15/16 14:38	1
Nickel, Dissolved	0.40	U	5.0	0.40	ug/L		05/13/16 10:23	05/15/16 14:38	1
Selenium	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 14:38	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		05/13/16 10:23	05/15/16 14:38	1
Silver	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 14:38	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		05/13/16 10:23	05/15/16 14:38	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-433183/1-A
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433183

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Thallium	0.10	U	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 14:38	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		05/13/16 10:23	05/15/16 14:38	1
Vanadium	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 14:38	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		05/13/16 10:23	05/15/16 14:38	1
Zinc	2.8	U	20	2.8	ug/L		05/13/16 10:23	05/15/16 14:38	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		05/13/16 10:23	05/15/16 14:38	1

Lab Sample ID: LCS 680-433183/2-A
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony, Dissolved	20.0	19.7		ug/L		99	85 - 115
Arsenic	40.0	43.7		ug/L		109	85 - 115
Arsenic, Dissolved	40.0	43.7		ug/L		109	85 - 115
Barium	40.0	41.8		ug/L		104	85 - 115
Barium, Dissolved	40.0	41.8		ug/L		104	85 - 115
Beryllium	20.0	23.1		ug/L		115	85 - 115
Beryllium, Dissolved	20.0	23.1		ug/L		115	85 - 115
Cadmium	20.0	21.6		ug/L		108	85 - 115
Cadmium, Dissolved	20.0	21.6		ug/L		108	85 - 115
Chromium	40.0	41.8		ug/L		105	85 - 115
Chromium, Dissolved	40.0	41.8		ug/L		105	85 - 115
Cobalt	20.0	20.9		ug/L		104	85 - 115
Cobalt, Dissolved	20.0	20.9		ug/L		104	85 - 115
Copper	40.0	41.2		ug/L		103	85 - 115
Copper, Dissolved	40.0	41.2		ug/L		103	85 - 115
Lead	200	197		ug/L		98	85 - 115
Lead, Dissolved	200	197		ug/L		98	85 - 115
Manganese	200	199		ug/L		100	85 - 115
Manganese, Dissolved	200	199		ug/L		100	85 - 115
Molybdenum	40.0	40.7		ug/L		102	85 - 115
Molybdenum, Dissolved	40.0	40.7		ug/L		102	85 - 115
Nickel	40.0	40.0		ug/L		100	85 - 115
Nickel, Dissolved	40.0	40.0		ug/L		100	85 - 115
Selenium	40.0	39.2		ug/L		98	85 - 115
Selenium, Dissolved	40.0	39.2		ug/L		98	85 - 115
Silver	20.0	20.8		ug/L		104	85 - 115
Silver, Dissolved	20.0	20.8		ug/L		104	85 - 115
Thallium	16.0	16.3		ug/L		102	85 - 115
Thallium, Dissolved	16.0	16.3		ug/L		102	85 - 115
Vanadium	40.0	40.1		ug/L		100	85 - 115
Vanadium, Dissolved	40.0	40.1		ug/L		100	85 - 115
Zinc	40.0	41.2		ug/L		103	85 - 115
Zinc, Dissolved	40.0	41.2		ug/L		103	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-125157-L-1-B MS

Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike

Prep Type: Total/NA
Prep Batch: 433183

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier		Result	Qualifier				
Antimony	0.46	J	20.0	19.3		ug/L		94	70 - 130
Antimony, Dissolved	0.46	J	20.0	19.3		ug/L		94	70 - 130
Arsenic	0.71	J	40.0	44.4		ug/L		109	70 - 130
Arsenic, Dissolved	0.71	J	40.0	44.4		ug/L		109	70 - 130
Barium	13	B	40.0	52.1		ug/L		96	70 - 130
Barium, Dissolved	13	B	40.0	52.1		ug/L		96	70 - 130
Beryllium	0.15	U	20.0	22.5		ug/L		112	70 - 130
Beryllium, Dissolved	0.15	U	20.0	22.5		ug/L		112	70 - 130
Cadmium	0.043	U	20.0	20.1		ug/L		101	70 - 130
Cadmium, Dissolved	0.043	U	20.0	20.1		ug/L		101	70 - 130
Chromium	1.0	U	40.0	38.5		ug/L		96	70 - 130
Chromium, Dissolved	1.0	U	40.0	38.5		ug/L		96	70 - 130
Cobalt	0.12	U	20.0	20.1		ug/L		101	70 - 130
Cobalt, Dissolved	0.12	U	20.0	20.1		ug/L		101	70 - 130
Copper	1.7	J	40.0	40.8		ug/L		98	70 - 130
Copper, Dissolved	1.7	J	40.0	40.8		ug/L		98	70 - 130
Lead	0.18	J	200	188		ug/L		94	70 - 130
Lead, Dissolved	0.18	J	200	188		ug/L		94	70 - 130
Manganese	88		200	280		ug/L		96	70 - 130
Manganese, Dissolved	88		200	280		ug/L		96	70 - 130
Molybdenum	42		40.0	80.2		ug/L		96	70 - 130
Molybdenum, Dissolved	42		40.0	80.2		ug/L		96	70 - 130
Nickel	2.3	J	40.0	40.1		ug/L		94	70 - 130
Nickel, Dissolved	2.3	J	40.0	40.1		ug/L		94	70 - 130
Selenium	0.58	U	40.0	38.3		ug/L		96	70 - 130
Selenium, Dissolved	0.58	U	40.0	38.3		ug/L		96	70 - 130
Silver	0.10	U	20.0	18.4		ug/L		92	70 - 130
Silver, Dissolved	0.10	U	20.0	18.4		ug/L		92	70 - 130
Thallium	0.10	U	16.0	15.7		ug/L		98	70 - 130
Thallium, Dissolved	0.10	U	16.0	15.7		ug/L		98	70 - 130
Vanadium	0.71	J	40.0	39.2		ug/L		96	70 - 130
Vanadium, Dissolved	0.71	J	40.0	39.2		ug/L		96	70 - 130
Zinc	32		40.0	67.1		ug/L		88	70 - 130
Zinc, Dissolved	32		40.0	67.1		ug/L		88	70 - 130

Lab Sample ID: 680-125157-L-1-C MSD

Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA
Prep Batch: 433183

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier		Result	Qualifier						
Antimony	0.46	J	20.0	20.1		ug/L		98	70 - 130	4	20
Antimony, Dissolved	0.46	J	20.0	20.1		ug/L		98	70 - 130	4	20
Arsenic	0.71	J	40.0	46.3		ug/L		114	70 - 130	4	20
Arsenic, Dissolved	0.71	J	40.0	46.3		ug/L		114	70 - 130	4	20
Barium	13	B	40.0	54.8		ug/L		103	70 - 130	5	20
Barium, Dissolved	13	B	40.0	54.8		ug/L		103	70 - 130	5	20
Beryllium	0.15	U	20.0	23.0		ug/L		115	70 - 130	2	20
Beryllium, Dissolved	0.15	U	20.0	23.0		ug/L		115	70 - 130	2	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-125157-L-1-C MSD
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 433183

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Cadmium	0.043	U	20.0	20.9		ug/L		104	70 - 130	4	20
Cadmium, Dissolved	0.043	U	20.0	20.9		ug/L		104	70 - 130	4	20
Chromium	1.0	U	40.0	41.0		ug/L		102	70 - 130	6	20
Chromium, Dissolved	1.0	U	40.0	41.0		ug/L		102	70 - 130	6	20
Cobalt	0.12	U	20.0	20.7		ug/L		104	70 - 130	3	20
Cobalt, Dissolved	0.12	U	20.0	20.7		ug/L		104	70 - 130	3	20
Copper	1.7	J	40.0	41.1		ug/L		98	70 - 130	1	20
Copper, Dissolved	1.7	J	40.0	41.1		ug/L		98	70 - 130	1	20
Lead	0.18	J	200	192		ug/L		96	70 - 130	2	20
Lead, Dissolved	0.18	J	200	192		ug/L		96	70 - 130	2	20
Manganese	88		200	289		ug/L		100	70 - 130	3	20
Manganese, Dissolved	88		200	289		ug/L		100	70 - 130	3	20
Molybdenum	42		40.0	82.4		ug/L		101	70 - 130	3	20
Molybdenum, Dissolved	42		40.0	82.4		ug/L		101	70 - 130	3	20
Nickel	2.3	J	40.0	42.8		ug/L		101	70 - 130	7	20
Nickel, Dissolved	2.3	J	40.0	42.8		ug/L		101	70 - 130	7	20
Selenium	0.58	U	40.0	39.7		ug/L		99	70 - 130	3	20
Selenium, Dissolved	0.58	U	40.0	39.7		ug/L		99	70 - 130	3	20
Silver	0.10	U	20.0	19.6		ug/L		98	70 - 130	6	20
Silver, Dissolved	0.10	U	20.0	19.6		ug/L		98	70 - 130	6	20
Thallium	0.10	U	16.0	16.0		ug/L		100	70 - 130	2	20
Thallium, Dissolved	0.10	U	16.0	16.0		ug/L		100	70 - 130	2	20
Vanadium	0.71	J	40.0	40.6		ug/L		100	70 - 130	4	20
Vanadium, Dissolved	0.71	J	40.0	40.6		ug/L		100	70 - 130	4	20
Zinc	32		40.0	69.8		ug/L		95	70 - 130	4	20
Zinc, Dissolved	32		40.0	69.8		ug/L		95	70 - 130	4	20

Lab Sample ID: 680-125188-K-1-B MS
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 433183

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	0.40	U	20.0	19.2		ug/L		96	70 - 130		
Antimony, Dissolved	0.40	U	20.0	19.2		ug/L		96	70 - 130		
Arsenic	0.37	U	40.0	45.2		ug/L		113	70 - 130		
Arsenic, Dissolved	0.37	U	40.0	45.2		ug/L		113	70 - 130		
Barium	1.1	J B	40.0	44.2		ug/L		108	70 - 130		
Barium, Dissolved	1.1	J B	40.0	44.2		ug/L		108	70 - 130		
Beryllium	0.15	U	20.0	23.0		ug/L		115	70 - 130		
Beryllium, Dissolved	0.15	U	20.0	23.0		ug/L		115	70 - 130		
Cadmium	0.043	U	20.0	21.2		ug/L		106	70 - 130		
Cadmium, Dissolved	0.043	U	20.0	21.2		ug/L		106	70 - 130		
Chromium	1.0	U	40.0	40.4		ug/L		101	70 - 130		
Chromium, Dissolved	1.0	U	40.0	40.4		ug/L		101	70 - 130		
Cobalt	0.12	U	20.0	20.8		ug/L		104	70 - 130		
Cobalt, Dissolved	0.12	U	20.0	20.8		ug/L		104	70 - 130		
Copper	1.5	J	40.0	42.3		ug/L		102	70 - 130		
Copper, Dissolved	1.5	J	40.0	42.3		ug/L		102	70 - 130		

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-125188-K-1-B MS
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 433183
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Lead	0.095	J	200	200		ug/L		100	70 - 130
Lead, Dissolved	0.095	J	200	200		ug/L		100	70 - 130
Manganese	18		200	221		ug/L		101	70 - 130
Manganese, Dissolved	18		200	221		ug/L		101	70 - 130
Molybdenum	1.0		40.0	40.5		ug/L		99	70 - 130
Molybdenum, Dissolved	1.0		40.0	40.5		ug/L		99	70 - 130
Nickel	0.40	U	40.0	39.8		ug/L		99	70 - 130
Nickel, Dissolved	0.40	U	40.0	39.8		ug/L		99	70 - 130
Selenium	0.58	U	40.0	40.3		ug/L		101	70 - 130
Selenium, Dissolved	0.58	U	40.0	40.3		ug/L		101	70 - 130
Silver	0.10	U	20.0	20.1		ug/L		100	70 - 130
Silver, Dissolved	0.10	U	20.0	20.1		ug/L		100	70 - 130
Thallium	0.10	U	16.0	16.7		ug/L		104	70 - 130
Thallium, Dissolved	0.10	U	16.0	16.7		ug/L		104	70 - 130
Vanadium	0.30	U	40.0	40.3		ug/L		101	70 - 130
Vanadium, Dissolved	0.30	U	40.0	40.3		ug/L		101	70 - 130
Zinc	120		40.0	160		ug/L		103	70 - 130
Zinc, Dissolved	120		40.0	160		ug/L		103	70 - 130

Lab Sample ID: 680-125188-K-1-C MSD
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 433183
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	0.40	U	20.0	18.9		ug/L		95	70 - 130	1	20
Antimony, Dissolved	0.40	U	20.0	18.9		ug/L		95	70 - 130	1	20
Arsenic	0.37	U	40.0	43.0		ug/L		107	70 - 130	5	20
Arsenic, Dissolved	0.37	U	40.0	43.0		ug/L		107	70 - 130	5	20
Barium	1.1	J B	40.0	40.6		ug/L		99	70 - 130	8	20
Barium, Dissolved	1.1	J B	40.0	40.6		ug/L		99	70 - 130	8	20
Beryllium	0.15	U	20.0	22.8		ug/L		114	70 - 130	1	20
Beryllium, Dissolved	0.15	U	20.0	22.8		ug/L		114	70 - 130	1	20
Cadmium	0.043	U	20.0	20.3		ug/L		102	70 - 130	4	20
Cadmium, Dissolved	0.043	U	20.0	20.3		ug/L		102	70 - 130	4	20
Chromium	1.0	U	40.0	39.2		ug/L		98	70 - 130	3	20
Chromium, Dissolved	1.0	U	40.0	39.2		ug/L		98	70 - 130	3	20
Cobalt	0.12	U	20.0	19.9		ug/L		100	70 - 130	4	20
Cobalt, Dissolved	0.12	U	20.0	19.9		ug/L		100	70 - 130	4	20
Copper	1.5	J	40.0	40.7		ug/L		98	70 - 130	4	20
Copper, Dissolved	1.5	J	40.0	40.7		ug/L		98	70 - 130	4	20
Lead	0.095	J	200	196		ug/L		98	70 - 130	2	20
Lead, Dissolved	0.095	J	200	196		ug/L		98	70 - 130	2	20
Manganese	18		200	214		ug/L		98	70 - 130	3	20
Manganese, Dissolved	18		200	214		ug/L		98	70 - 130	3	20
Molybdenum	1.0		40.0	39.3		ug/L		96	70 - 130	3	20
Molybdenum, Dissolved	1.0		40.0	39.3		ug/L		96	70 - 130	3	20
Nickel	0.40	U	40.0	37.5		ug/L		94	70 - 130	6	20
Nickel, Dissolved	0.40	U	40.0	37.5		ug/L		94	70 - 130	6	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-125188-K-1-C MSD
Matrix: Water
Analysis Batch: 433435

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 433183

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Selenium	0.58	U	40.0	38.2		ug/L		95	70 - 130	5	20	
Selenium, Dissolved	0.58	U	40.0	38.2		ug/L		95	70 - 130	5	20	
Silver	0.10	U	20.0	19.3		ug/L		96	70 - 130	4	20	
Silver, Dissolved	0.10	U	20.0	19.3		ug/L		96	70 - 130	4	20	
Thallium	0.10	U	16.0	16.2		ug/L		101	70 - 130	3	20	
Thallium, Dissolved	0.10	U	16.0	16.2		ug/L		101	70 - 130	3	20	
Vanadium	0.30	U	40.0	39.2		ug/L		98	70 - 130	3	20	
Vanadium, Dissolved	0.30	U	40.0	39.2		ug/L		98	70 - 130	3	20	
Zinc	120		40.0	153		ug/L		85	70 - 130	5	20	
Zinc, Dissolved	120		40.0	153		ug/L		85	70 - 130	5	20	

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-433128/1-A
Matrix: Water
Analysis Batch: 433440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433128

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 15:31	1
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		05/13/16 07:44	05/15/16 15:31	1

Lab Sample ID: LCS 680-433128/3-A
Matrix: Water
Analysis Batch: 433440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433128

Analyte	Spike	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Mercury	2.50	2.56		ug/L		102	85 - 115	
Mercury, Dissolved	2.50	2.56		ug/L		102	85 - 115	

Lab Sample ID: 680-125187-1 MS
Matrix: Water
Analysis Batch: 433440

Client Sample ID: GKM_GSTO_F_042816_1130
Prep Type: Total/NA
Prep Batch: 433128

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Mercury	0.080	U	1.00	1.01		ug/L		101	70 - 130	
Mercury, Dissolved	0.080	U	1.00	1.01		ug/L		101	70 - 130	

Lab Sample ID: 680-125187-1 MSD
Matrix: Water
Analysis Batch: 433440

Client Sample ID: GKM_GSTO_F_042816_1130
Prep Type: Total/NA
Prep Batch: 433128

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Mercury	0.080	U	1.00	1.03		ug/L		103	70 - 130	2	20	
Mercury, Dissolved	0.080	U	1.00	1.03		ug/L		103	70 - 130	2	20	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Metals

Prep Batch: 433128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	245.1	
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	
680-125187-1 MS	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	
680-125187-1 MSD	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	245.1	
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	245.1	
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	245.1	
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	245.1	
LCS 680-433128/3-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-433128/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 433183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125157-L-1-B MS	Matrix Spike	Total/NA	Water	200	
680-125157-L-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200	
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	200	
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	200	
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	200	
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	200	
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	200	
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	200	
680-125188-K-1-B MS	Matrix Spike	Total/NA	Water	200	
680-125188-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200	
LCS 680-433183/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-433183/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 433184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	200	
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	200	
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	200	
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	200	
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	200	
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	200	
680-125188-K-1-E MS	Matrix Spike	Total/NA	Water	200	
680-125188-K-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	200	
LCS 680-433184/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-433184/1-A	Method Blank	Total/NA	Water	200	

Analysis Batch: 433435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125157-L-1-B MS	Matrix Spike	Total/NA	Water	200.8	433183
680-125157-L-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	433183
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	200.8	433183
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	200.8	433183
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	200.8	433183
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	200.8	433183
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	200.8	433183
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	200.8	433183
680-125188-K-1-B MS	Matrix Spike	Total/NA	Water	200.8	433183
680-125188-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	433183

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Metals (Continued)

Analysis Batch: 433435 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-433183/2-A	Lab Control Sample	Total/NA	Water	200.8	433183
MB 680-433183/1-A	Method Blank	Total/NA	Water	200.8	433183

Analysis Batch: 433440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	245.1	433128
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	433128
680-125187-1 MS	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	433128
680-125187-1 MSD	GKM_GSTO_F_042816_1130	Total/NA	Water	245.1	433128
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	245.1	433128
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	245.1	433128
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	245.1	433128
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	245.1	433128
LCS 680-433128/3-A	Lab Control Sample	Total/NA	Water	245.1	433128
MB 680-433128/1-A	Method Blank	Total/NA	Water	245.1	433128

Analysis Batch: 433451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	200.8	433183
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	200.8	433183
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	200.8	433183
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	200.8	433183
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	200.8	433183
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	200.8	433183

Analysis Batch: 433544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-125187-1	GKM_GSTO_F_042816_1130	Dissolved	Water	200.7 Rev 4.4	433184
680-125187-1	GKM_GSTO_F_042816_1130	Total/NA	Water	200.7 Rev 4.4	433184
680-125187-2	GKM_GSTO_C042816_1145	Dissolved	Water	200.7 Rev 4.4	433184
680-125187-2	GKM_GSTO_C042816_1145	Total/NA	Water	200.7 Rev 4.4	433184
680-125187-3	GKM_GSTI_042816_1215	Dissolved	Water	200.7 Rev 4.4	433184
680-125187-3	GKM_GSTI_042816_1215	Total/NA	Water	200.7 Rev 4.4	433184
680-125188-K-1-E MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	433184
680-125188-K-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	433184
LCS 680-433184/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	433184
MB 680-433184/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	433184

Lab Chronicle

Client: Weston Solutions, Inc.
 Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTO_F_042816_1130

Lab Sample ID: 680-125187-1

Date Collected: 04/28/16 11:30

Matrix: Water

Date Received: 05/12/16 09:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:25	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:13	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 16:49	BJB	TAL SAV
		Instrument ID: ICPMSB								
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:17	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 16:33	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:01	BJB	TAL SAV
		Instrument ID: ICPMSB								
Dissolved	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 16:05	JKL	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 15:40	JKL	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKM_GSTO_C042816_1145

Lab Sample ID: 680-125187-2

Date Collected: 04/28/16 11:45

Matrix: Water

Date Received: 05/12/16 09:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:29	BCB	TAL SAV
		Instrument ID: ICPE								
Total/NA	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:17	BCB	TAL SAV
		Instrument ID: ICPE								
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 16:54	BJB	TAL SAV
		Instrument ID: ICPMSB								
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:22	BJB	TAL SAV
		Instrument ID: ICPMSB								
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Client Sample ID: GKM_GSTO_C042816_1145

Lab Sample ID: 680-125187-2

Date Collected: 04/28/16 11:45

Matrix: Water

Date Received: 05/12/16 09:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 16:38	BJB	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:07	BJB	TAL SAV
Instrument ID: ICPMSB										
Dissolved	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 16:08	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 15:55	JKL	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKM_GSTI_042816_1215

Lab Sample ID: 680-125187-3

Date Collected: 04/28/16 12:15

Matrix: Water

Date Received: 05/12/16 09:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:33	BCB	TAL SAV
Instrument ID: ICPE										
Total/NA	Prep	200			50 mL	50 mL	433184	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	433544	05/16/16 12:21	BCB	TAL SAV
Instrument ID: ICPE										
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 17:00	BJB	TAL SAV
Instrument ID: ICPMSB										
Dissolved	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Dissolved	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:28	BJB	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	433435	05/15/16 16:44	BJB	TAL SAV
Instrument ID: ICPMSB										
Total/NA	Prep	200			50 mL	50 mL	433183	05/13/16 10:23	CRW	TAL SAV
Total/NA	Analysis	200.8		10	50 mL	50 mL	433451	05/16/16 09:12	BJB	TAL SAV
Instrument ID: ICPMSB										
Dissolved	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 16:11	JKL	TAL SAV
Instrument ID: LEEMAN2										
Total/NA	Prep	245.1			50 mL	50 mL	433128	05/13/16 07:44	JKL	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	433440	05/15/16 15:58	JKL	TAL SAV
Instrument ID: LEEMAN2										

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-125187-1

Login Number: 125187

List Number: 1

Creator: Murray, Thomas J

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	



Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8 (LTM)

TestAmerica Job ID: 680-125187-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-16

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